

Converting Colors

XYZ(58.1390, 64.6713, 76.4582)

Have a look what the booklet for
XYZ(58.1390, 64.6713, 76.4582)
contains.

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Color

**XYZ(58.0729, 64.5342,
76.4134)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD7DB
RGB	189, 215, 219
RGB Percent	74%, 84%, 86%
CMY	0.2588, 0.1568, 0.1412
CMYK	0.14, 0.02, 0.00, 0.14
HSL	188°, 29%, 80%
HSV	188°, 14%, 86%
XYZ	58.0729, 64.5342, 76.4134
YIQ	207.6820, -16.7800, -4.2680

Conversions

Conversions Part 2

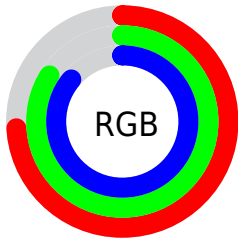
Format	Color
RYB	189, 203, 219
Decimal	12441563
CIELab	84.24, -7.81, -4.90
CIElCh	84, 9.217, 212.112
Yxy	64.5342, 0.2918, 0.3243
Android (android.graphics.Color)	4290631643 (0xFFBDD7DB)
YUV	207.6820, 5.5798, -16.3841
Hunter-Lab	80.3332, -11.5453, -0.1638

Details

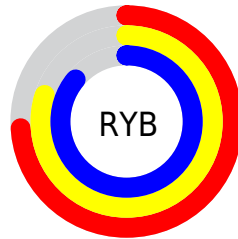
The XYZ color **58.0729, 64.5342, 76.4134** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4691, 56.8739, 56.0941**, and the grayscale version is **59.7227, 62.8329, 68.4251**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **29.2633, 32.9728, 39.9440** is the 20% darker color. If you saturate the color by 10%, you get **52.3095, 60.4716, 75.9340**, and if you desaturate by 10%, it is **64.6736, 69.0516, 76.9385**.

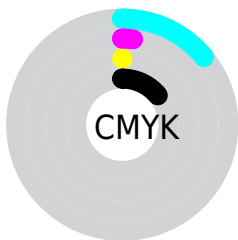
Distribution



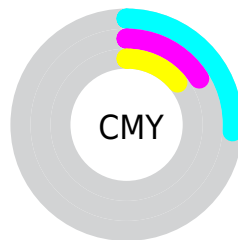
- Red (74%)
- Green (84%)
- Blue (86%)



- Red (74%)
- Yellow (80%)
- Blue (86%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (26%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0729, 64.5342, 76.4134 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 58.0729, 64.5342, 76.4134 by changing the saturation by 10% instead.

■ 58.0729, 64.5342,
76.4134

■ 58.0729, 64.5342,
76.4134

407.4070,
441.1162, 502.1461

■ 42.1107, 47.0835,
56.2629

■ 101.1514,
111.3799, 130.0765

■ 29.3795, 33.1017,
40.0083

128.9984,
141.5437, 164.4262

■ 19.5138, 22.2043,
27.2312

161.5377,
176.7140, 204.3461

■ 12.1483, 14.0071,
17.5130

199.1348,
217.2751, 250.2546

■ 6.9177, 8.1256,
10.4351

242.1549,
263.6115, 302.5703

■ 3.4566, 4.1754,
5.5790

290.9634,

■ 1.3995, 1.7722,

316.1075, 361.7117

2.5262

345.9256,
375.1476, 428.0975

■ 0.2559, 0.4697,
0.8540

■ 0.0000, 0.0000,
0.0000

■ 58.0729, 64.5342,
76.4134

■ 58.0729, 64.5342,
76.4134

■ 52.3095, 60.4716,
75.9340

■ 64.6736, 69.0516,
76.9385

■ 47.3410, 56.8366,
75.4943

■ 72.1404, 74.0335,
77.5065

■ 43.1299, 53.6116,
75.0937

■ 80.5076, 79.4994,
78.1206

■ 39.6331, 50.7742,
74.7304

■ 81.4068, 81.1354,
78.3889

■ 36.8034, 48.2999,
74.4019

■ 82.2101, 82.7421,
78.6567

■ 34.5878, 46.1614,
74.1059

■ 83.0271, 84.3759,
78.9290

■ 32.9248, 44.3268,
73.8394

■ 83.8576, 86.0370,
79.2059

■ 31.7401, 42.7577,
73.5990

■ 84.7019, 87.7256,
79.4873

■ 31.1618, 41.8653,
73.4573

■ 85.5600, 89.4417,
79.7733

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.4984, 64.5342, 70.6819



58.0729, 64.5342, 76.4134



59.5201, 64.5342, 80.6782

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.0729, 64.5342, 76.4134



64.8729, 64.5342, 75.6570



61.1933, 64.5342, 59.6211

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.0729, 64.5342, 76.4134



57.4691, 56.8739, 56.0941

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.1922, 64.5342, 60.7919



58.0729, 64.5342, 76.4134



65.3445, 64.5342, 69.8533

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.0729, 64.5342, 76.4134



63.4481, 64.5342, 80.2248



64.7229, 64.5342, 64.4589



59.2749, 64.5342, 61.1689

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.0729, 64.5342, 76.4134



60.8007, 64.5342, 82.0002



64.7229, 64.5342, 64.4589



61.8781, 64.5342, 59.7096

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.0748, 64.5369, 76.4148



90.9645, 97.2525, 108.5850



55.8888, 65.3109, 59.8219



19.3105, 20.7080, 23.2292



0.0000, 0.0000, 0.0000



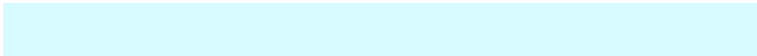
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.0748, 64.5369, 76.4148



79.8903, 89.6470, 107.7007



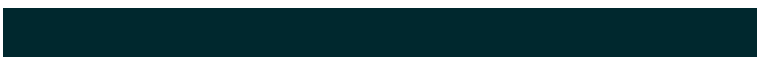
54.5438, 57.4750, 75.2379



13.2892, 14.5182, 16.7540



18.5356, 24.9406, 43.5755



1.2427, 1.6996, 2.8370

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59.6782, 56.3629, 72.0269



82.5243, 76.3293, 100.4682



60.8340, 63.6036, 57.2157



13.5359, 13.2434, 16.0830



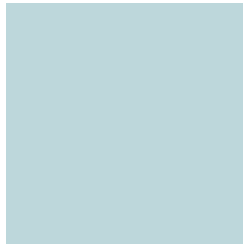
22.8512, 11.1415, 29.9263



1.5016, 0.7303, 2.0502

Previews

White Background



This preview shows how the XYZ color 58.0729, 64.5342, 76.4134 looks on a white background.

Color Contrast Check

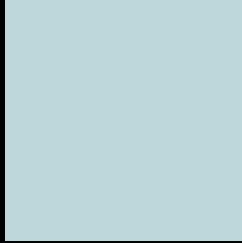
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 58.0729, 64.5342, 76.4134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

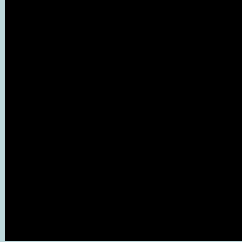
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0729, 64.5342, 76.4134

Background



This preview shows how black text looks on a background with the XYZ color 58.0729, 64.5342, 76.4134.



This preview shows how white text looks on a background with the XYZ color 58.0729, 64.5342,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

58.0729, 64.5342, 76.4134

Protanopia

62.2176, 64.5043, 73.4613

Deuteranopia

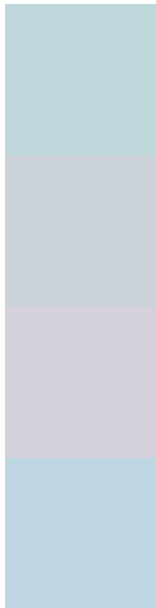
65.6953, 64.4137, 77.3772



Tritanopia

59.5630, 64.3780, 84.1498

Trichromacy



Original Color

58.0729, 64.5342, 76.4134

Protanomaly

60.5908, 64.3838, 74.1996

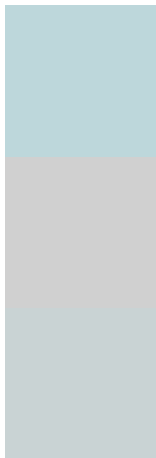
Deuteranomaly

62.6255, 64.2761, 76.8160

Tritanomaly

59.0092, 64.5313, 81.2972

Monochromacy



Original Color

58.0729, 64.5342, 76.4134

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.2653, 63.7595, 71.4706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0729, 64.5342, 76.4134 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(189, 215, 219)` looks like.

```
.text, #text, p{  
    color:rgb(189, 215, 219)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(189, 215, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 215, 219) }
```

Border

The CSS property to change the border of an element to XYZ 58.0729, 64.5342, 76.4134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 215, 219) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(189, 215, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(189, 215, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 215, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 215, 219);  
box-shadow:4px 4px 4px 4px rgb(189, 215,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0729, 64.5342, 76.4134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 215, 219) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(189,  
215, 219) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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